

## Contents of the uControl Package



Go to Step 1

## Step 1: Open the alarm box and disconnect the battery

If you own your alarm system, you can open the alarm box and install the uControl Link without voiding your warranty. If you do not own your alarm system, contact uControl at 1-866-608-8324 before you proceed.

### Open your alarm box

- If there are any screws holding your alarm box door closed, use a screwdriver to remove all screws holding the alarm box front cover in place.
- If the alarm box is secured by a lock, use your key to open the front cover.



**Working inside your alarm box will NOT cause electrical shock.**

### Disconnect the telephone line

- Locate the telephone jack inside the alarm box, and disconnect the gray phone cord that is plugged into the telephone jack.



**If your alarm box does not include an installed telephone jack, see "Troubleshooting telephone issues" on page 18 in the uControl Help Guide for further instructions.**

**Your alarm keypad might beep after you disconnect the phone cord.**

### Disconnect and remove the battery

- Find the battery located inside the alarm box.
- Hold the battery securely and disconnect the black wire from the negative (-) terminal.
- Continue to hold the battery securely and disconnect the red wire from the positive (+) terminal.

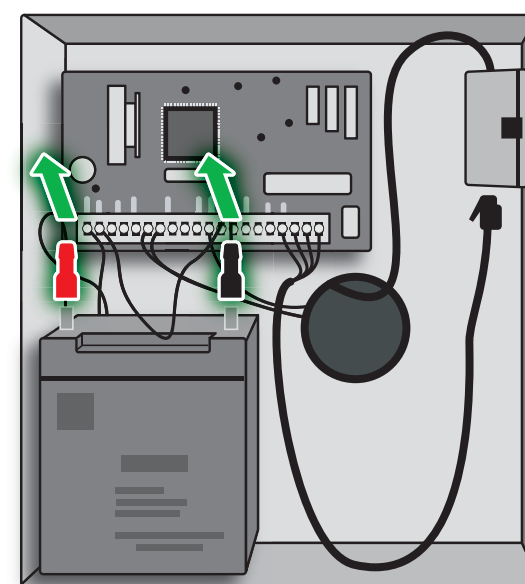
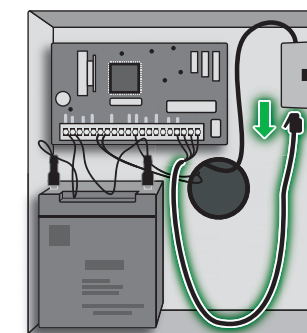
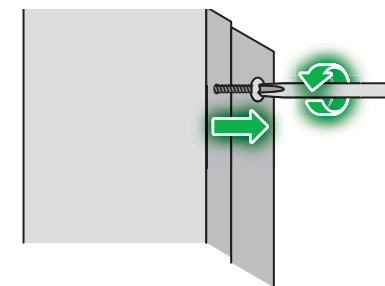


**If the battery wires are affixed tightly to the terminals, you might need to move the connectors from side-to-side to loosen them. Also, if the alarm system includes a second backup battery, disconnect the wires on both batteries, and clearly mark the wires for each particular battery.**

- Remove the battery from the alarm box and set it aside to provide an open area inside the alarm box to work.



**After you disconnect the battery, your alarm keypad might beep or warn you that a loss of battery or backup power has occurred. This is normal. Go to the keypad and turn off the warning signal. If your alarm siren turns on, arm and disarm the system to turn the siren off.**



Go to the next Step

## Step 2: Mount the uControl Link onto the alarm box

### Choose a punch-out on the alarm box

- Select one of the pre-drilled punch-outs on the sides or top of the alarm box. Choose one that does not interfere with the alarm circuit board or the alarm panel wiring.
- A punch-out is a circular metal slug that is about the size of a quarter. You can choose any punch-out that provides enough space for the uControl Link to fit alongside the alarm box.



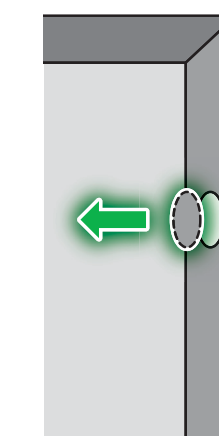
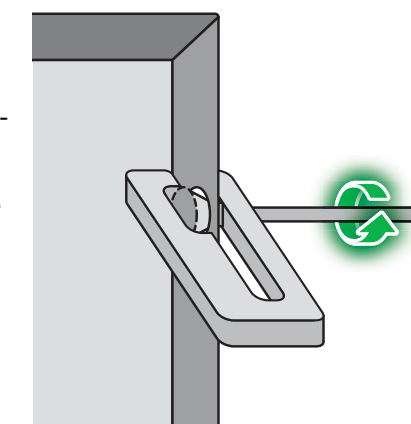
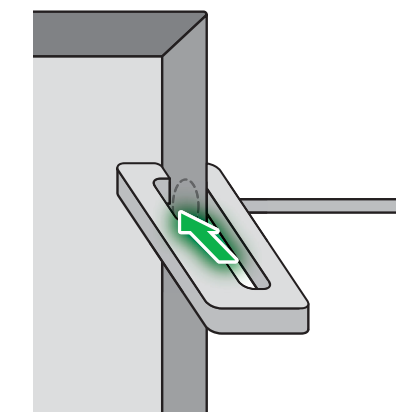
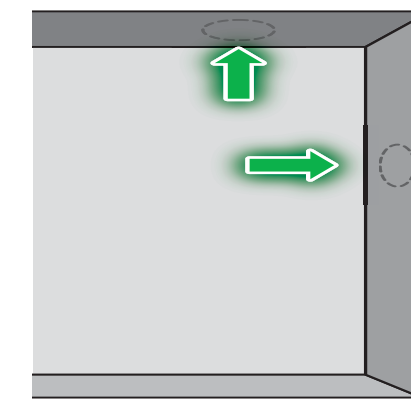
**If your alarm box is installed in a location that does not provide enough space to attach the uControl Link to the alarm box, see "Using the Alternate Mounting Kit" on page 11 in the uControl Help Guide.**

### Remove a punch-out to make a hole in the alarm box

- Locate the C-clamp from the uControl package and place it directly over the punch-out.
- Place the dimpled end of the C-clamp on the punch-out on the outside of the alarm box.
- Turn the screwing lever clockwise until the punch-out separates from the alarm box.



**You might hear a loud pop when the punch-out separates from the alarm box. You may need to disengage the C-clamp and bend the punch-out back and forth to remove it from the alarm box. Use caution, punch-outs might have sharp edges in the area around the hole in the alarm box.**

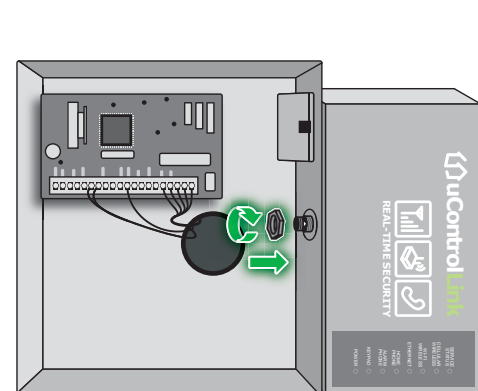
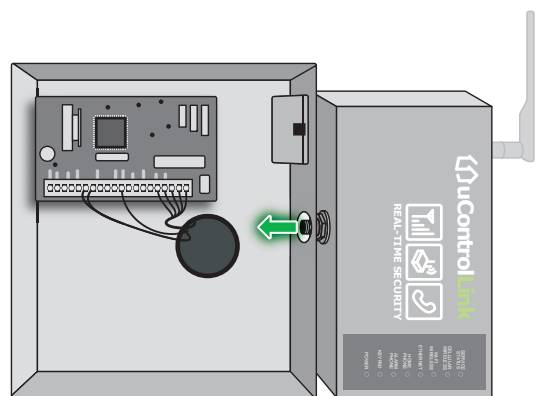


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## Step 2: (continued)

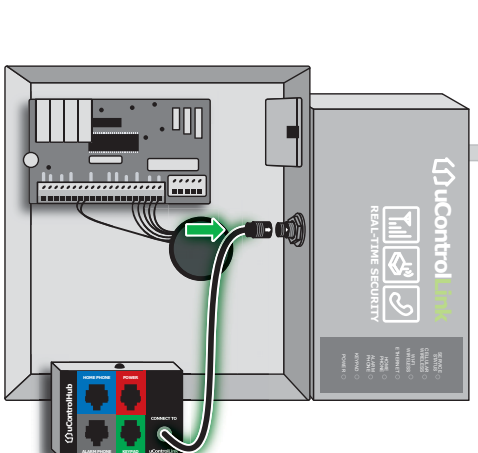
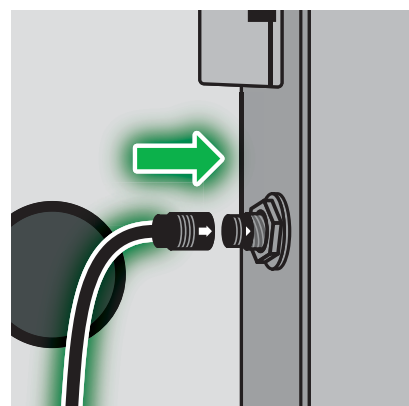
### Mount the uControl Link to the alarm box

- Remove the uControl Link from the package.
- Align the uControl Link pipe with the punch-out hole on the alarm box, and push the pipe through the hole.
- Screw on the nut until it fits securely against the interior of the alarm box. Hand tightening the nut will be sufficient to keep the uControl Link secure.



### Attach the uControl hub to the uControl Link

- Remove the uControl hub from the package.
- On the connector cable, line up the arrow on the uControl hub connector with the arrow on the pipe port of the uControl Link.
- Push the connector into the cable port on the uControl Link until it snaps into place. The connector inserts properly only if the arrows are lined up.



Go to the next step

## Step 3: Connect the red power cable

### Connect the red and black uControl wires

- Locate the red power cable from the uControl package. This cable connects the uControl Link to the auxiliary power ports on the alarm circuit board.



**Before you begin this step, see the uControl Help Guide to find the correct port information for your alarm manufacturer.**

Ademco & First Alert: page 21  
ADT: page 23  
DSC: page 23  
FBI: page 24  
GE CADDX: page 25

GE ITI: page 25  
Moose: page 26  
Napco: page 26  
Radionics: page 27  
Sentrol: page 27

- Using the information you gathered from the uControl Help Guide, locate the port on your circuit board associated with the red power wire.
- Use the screwdriver (provided in the kit) to loosen the screw only enough to slip the red uControl power wire in **with any existing wires that might already be in the port.**
- Insert the red uControl power wire into the port and tighten the screw to secure the wire in the port.
- Locate the port on the circuit board associated with the black power wire.
- Use the screwdriver to loosen the screw only enough to slip the black uControl power wire in **with any existing wires that might already be in the port.**
- Insert the black uControl power wire into the port and tighten the screw to secure the wire in the port.

### Insert the plug into the uControl hub

- Insert the plug on the red uControl power cable into the red **POWER** port on the uControl hub.



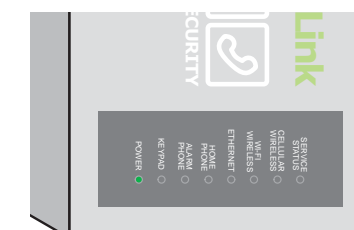
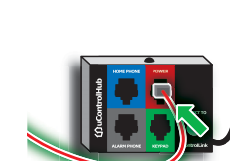
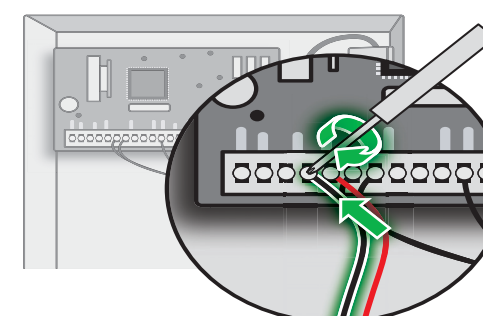
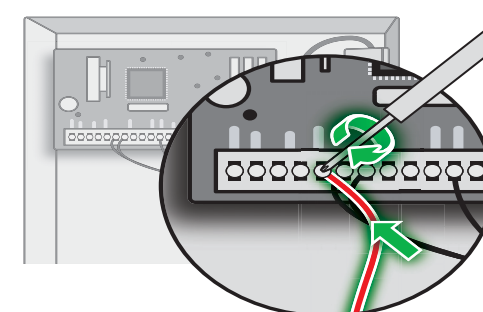
**If the keypad loses power, check the wiring to make sure that all keypad wires are inserted securely in the keypad ports.**

### Check the Power status light

- If the **POWER** status light on the uControl Link is green, then proceed to the next step.



**If the POWER status light is not green, see "Troubleshooting the power connection" on page 15 in the uControl Help Guide. If your uControl Link includes cellular wireless, the CELLULAR WIRELESS status light might turn green or flash green. This is normal.**



Go to the next step

## Step 4: Connect the green keypad cable

### Attach the green and yellow uControl keypad wires

- Locate the green keypad cable from the uControl package. This cable connects the uControl Link to the alarm keypad ports.



**Before you begin this step, see the uControl Help Guide to find the correct port information for your alarm manufacturer.**

Ademco & First Alert: page 21  
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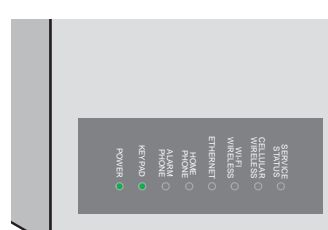
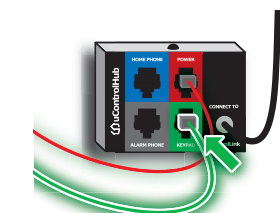
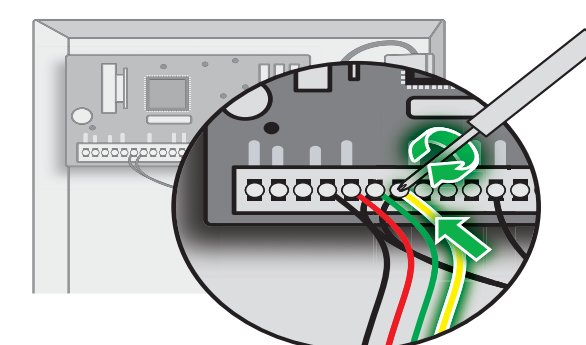
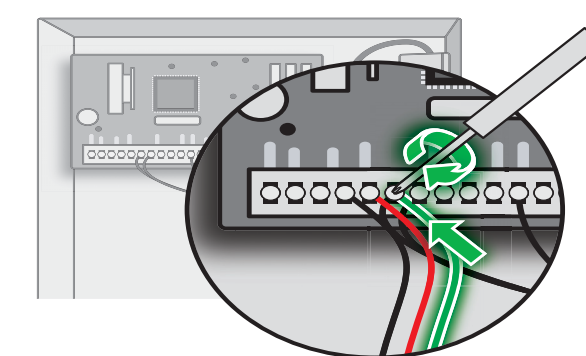
- Using the information you gathered from the uControl Help Guide, locate the port on your circuit board associated with the green wire.
- Use the screwdriver to loosen the screw only enough to slip the green uControl keypad wire in **with any existing wires that might already be in the port.**
- Insert the green uControl keypad wire into the port and tighten the screw to secure the green wire in the port.
- Locate the port on the circuit board associated with the yellow wire.
- Use the screwdriver to loosen the screw only enough to slip the yellow uControl keypad wire in **with any existing wires that might already be in the port.**
- Insert the yellow uControl keypad wire into the yellow keypad port and tighten the screw to secure the wire in the port.

### Plug the green cable into the uControl connector

- Insert the plug on the green uControl keypad cable into the green **KEYPAD** port on the uControl hub.



**If the KEYPAD status light is not green, see "Troubleshooting the keypad connection" on page 16 in the uControl Help Guide. Also, verify that your keypad supports Enhanced Service. See the Enhanced Service Supported Models List page included in the uControl package.**



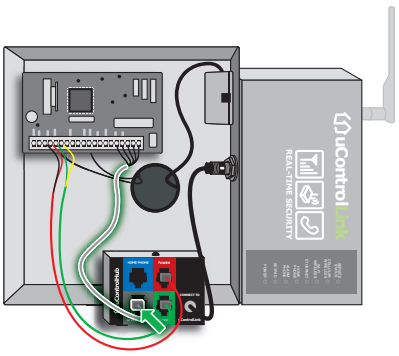
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Step 5: Attach the phone cords

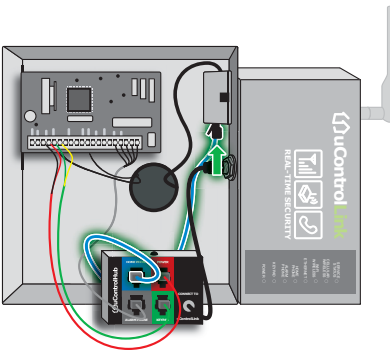
Attach the phone cord to the uControl hub

- Locate the phone cord that you disconnected from the alarm box telephone jack in Step 1.
- Plug the phone cord into the gray **ALARM PHONE** port on the uControl hub.



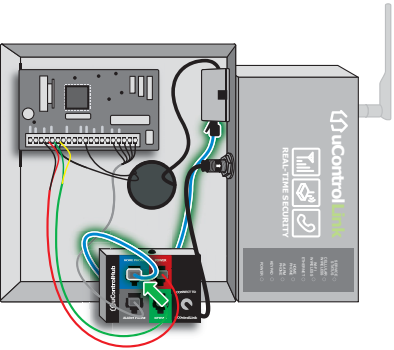
Attach the blue cord to the phone jack in the alarm box

- Locate the blue cord from the uControl package. This cable connects the uControl Link to the alarm telephone jack.
- Take one end of the blue uControl cord (it does not matter which end) and insert the plug into the telephone jack inside the alarm box.



Attach the blue cord to the uControl hub

- Take the other end of the blue uControl cord and insert the plug into the blue **HOME PHONE** port on the uControl hub.

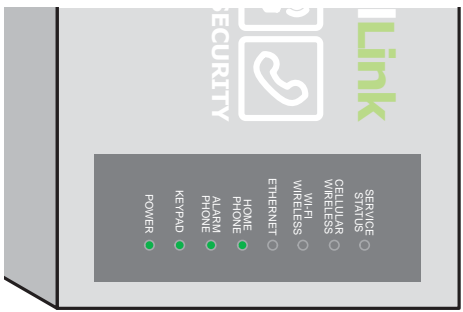


Check the status lights

- If the **ALARM PHONE** and the **HOME PHONE** status lights are green (or flashing green for the **HOME PHONE** status light), then proceed to step 6.

If the **ALARM PHONE** and **HOME PHONE** status lights are not green, see "Troubleshooting the telephone connection" on page 17 in the uControl Help Guide.

The **HOME PHONE** status light will not turn on if you do not have telephone service.



Go to the next step

Step 6: Connect to your home network (wired or wireless)



If Ethernet is available and you are able to connect the uControl Link to your home computer network, follow the instructions in Step 6. If you do not want to connect to a wired network (or if you do not have a home network), you can skip this step and proceed to Step7.

Wireless setup takes place online after you complete the uControl Link installation. If you plan to connect to a wireless network, proceed to Step7.

Do you have an Ethernet port nearby

- Check the area near the alarm box to see if there is an Ethernet port nearby.
- If you do not have an existing Ethernet port, check the area for the closest router.



If your home network does not include an Ethernet port near your alarm box, you might need to locate the closest router. If you do not have an Ethernet port or router available, skip to step 7.

Attach the white Ethernet cable to your computer network

- Locate the white Ethernet cable from the uControl package.
- If you have an Ethernet port near your uControl Link, plug the white uControl Ethernet cable into the Ethernet port.
- If you do not have an Ethernet port near your uControl Link, plug the white Ethernet cable into the nearest router.

Attach the white Ethernet cable to the uControl Link

- Plug the other end of the white Ethernet cable into the **ETHERNET** port on the uControl Link.



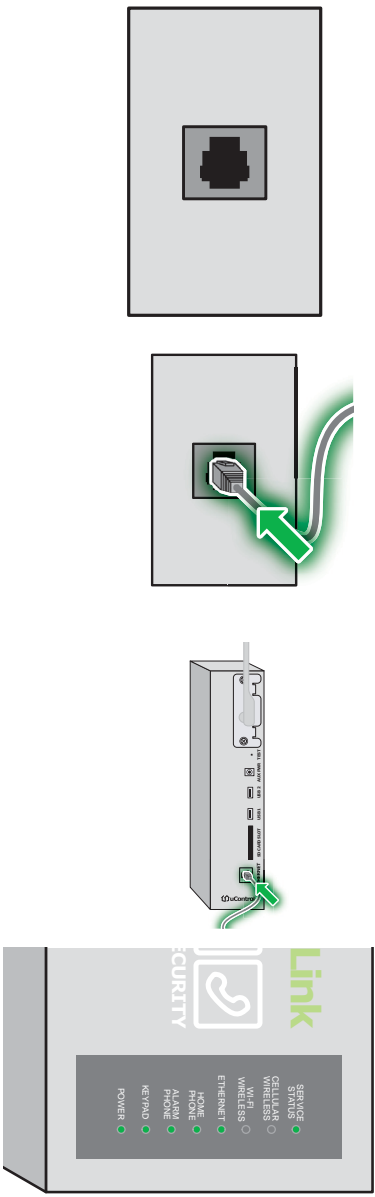
If the nearest Ethernet port (or router) is a significant distance from the uControl Link, you might need to purchase additional Ethernet cable or have it professionally installed.

Check the Ethernet status light

- If the **ETHERNET** status light on the uControl Link is green (or flashing green), then proceed to step 7.



The **ETHERNET** status light can take a few minutes to turn green. If the **ETHERNET** light does not turn on, see "Troubleshooting the Ethernet connection" on page 17 in the uControl Help Guide.



Go to the next step

Step 7: Connect the battery wires and uControl hub

Connect the battery wires to the battery terminals

- Locate the battery (or batteries) that you removed from the alarm box in step 1.
- Place the battery back inside the alarm box with the terminals on the outside.
- Find the two battery wires you disconnected in Step 1.
- Connect the red battery connector to the positive terminal (marked by a + symbol or red) on the battery.
- Connect the black battery connector to the negative terminal (marked by a - symbol or black) on the battery.



If your keypad is showing a **LOW BATTERY** message, it will not clear immediately after plugging in the battery. This message might take several hours to clear.

Attach the uControl hub to the alarm box

- Find a place inside the alarm box to mount the uControl hub.



The mounting position for the uControl hub must be inside the alarm box.

You might need to move some of the alarm box wires out of the way. Be careful when you move the wires to avoid accidentally disconnecting any of the existing wiring.

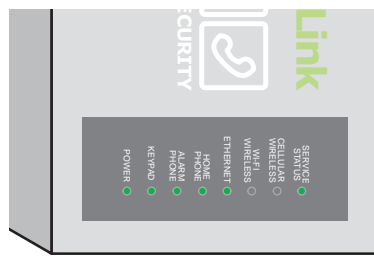
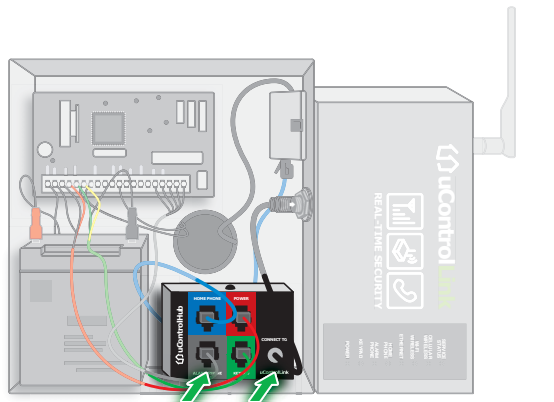
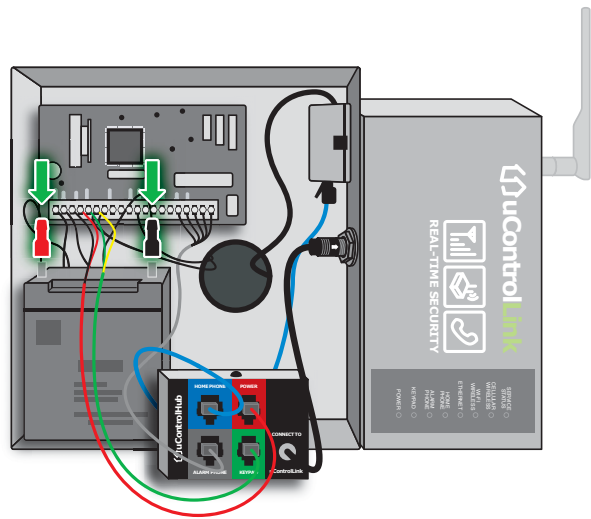
- On the back of the uControl hub, remove the protective film from the tape and press the uControl hub against the back panel of the alarm box.

Check the connections

- After you attach the uControl hub to the alarm box, verify that the power, keypad, and telephone wires are connected.



Verify that the appropriate power, keypad, telephone, and Ethernet status lights are green.



Go to step 8

Step 8: Write down zone map

Your alarm system defines Zones based on the physical features of your home. For example, Zone 1 on your security system might be associated with your front door. If your security system is armed and you open the front door, this action triggers a security event in Zone 1.

Before you close the alarm box, you need to write down any zone information that might be written on the inside of the alarm box door. This information might also be written on the inside cover of your keypad.

Write down your security zone information

- In the zone map table below, write the zone mappings in the table. You will use the information in this table to complete the online account setup.

Your zone map

Zone number	House location
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	
16	

Go to the next step

Step 9: Close the alarm box and activate your account

Close your alarm box

- If you have a lock on your alarm box, use your key to lock the alarm box door.
- If you have screws on your alarm box door, insert the screws and use a screwdriver to tighten the screws to secure the alarm box door.
- Check the status lights on the uControl Link to verify that all connections are good.



If you have the telephone line and an Ethernet line connected, the status lights for both of these connections should be green.

Note: The **HOME PHONE** status light will not turn on if you do not have telephone service.

- If any of the lights remain solid red or solid orange, this indicates that there is a problem of some type with your connection in the indicated area. To fix the problem, see the related Troubleshooting section of the uControl Help Guide for the connection that failed.



The **SERVICE STATUS** light will light up after you activate your account online.

- Check the alarm keypad to verify that it is powered and responding to arm/disarm commands.

Congratulations! You completed the hardware setup.

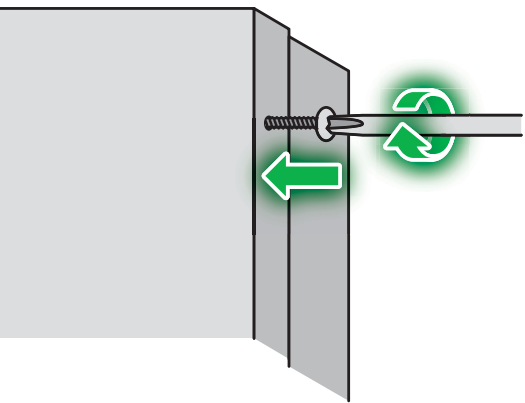
Access the uControl web site

Now you are ready to access the uControl web site to activate and set up your user account. Go online and type the following web address in the address field:

<http://www.ucontrol.com/activate>

You will need the following information to activate your account:

- Zone map information you wrote down in Step 8.
- Shipping manifest or a copy of your welcome email.
- The email address you provided to uControl when you signed up for the service.



Supported Models

Ademco and First Alert (FA)

VIA-30P, VISTA 128FB, VISTA 250FBR, 4153, 5110XM, 5140XM, FA1300C, FA1600C, FA1660C, FA2000C, VIA-16, VISTA 20HWSE, VIA-30PSE, VISTA 20HW, VISTA 100, 4130XM, VIA-30, VISTA 128FBR, FA160C, FA1220CV, FA110C, FA1200C, 4140XMP, FA142C, FA120C, FA162C, VISTA 50P, 4110DL, APEX DESTINY 6100, 4120XM, VISTA 20PSIA, VISTA 40, FA168C, 4110XM, 4140XM, VISTA 20SE, VISTA 15P, VISTA 10SE, VISTA 15, VISTA 20, VISTA 10P, FA148CP, VISTA 20P, VISTA 10,

ADT

Focus 128, Focus 75, Focus D32, Focus D50, Safewatch Pro, Safewatch Pro 2000, Safewatch Pro 3000, Safewatch Pro 3000EN

DSC

Partner P-48 (1555), Power 632 (1555MX), PC1565, PC1616, PC1832, PC1864, PC4010, PC4020CF, PC5015 (Power 832 also), PC4000, Power 432 (580), PC4020, Power 864 (5020), PC1575, Power 832 (5010), Power 632 (1555)

FBI

XL-2P, XL-3, XL-4, XL-5, XL-20, OMNI 624, XL-2T

GE CADDX

NX8E, NX8E CF, Ranger 9000E, Ranger 9000, Ranger 8980E, Ranger 8600E, NX4, NX8, NX6

GE ITI

ADVENT, CONCORD EXPRESS, CONCORD

Moose

Z1200, Z1250, Z2000

Napco

GEM-P801, GEM-P1632, GEM-P800, XP-400, GEM-P9600, MA-3000, GEM-P816, XP-600, GEM-P3200

Radionics

D4412, D6412

Sentrol

ZX400

  
Your connection to home security.

QUICK INSTALL

Mount and connect your  
uControl security system